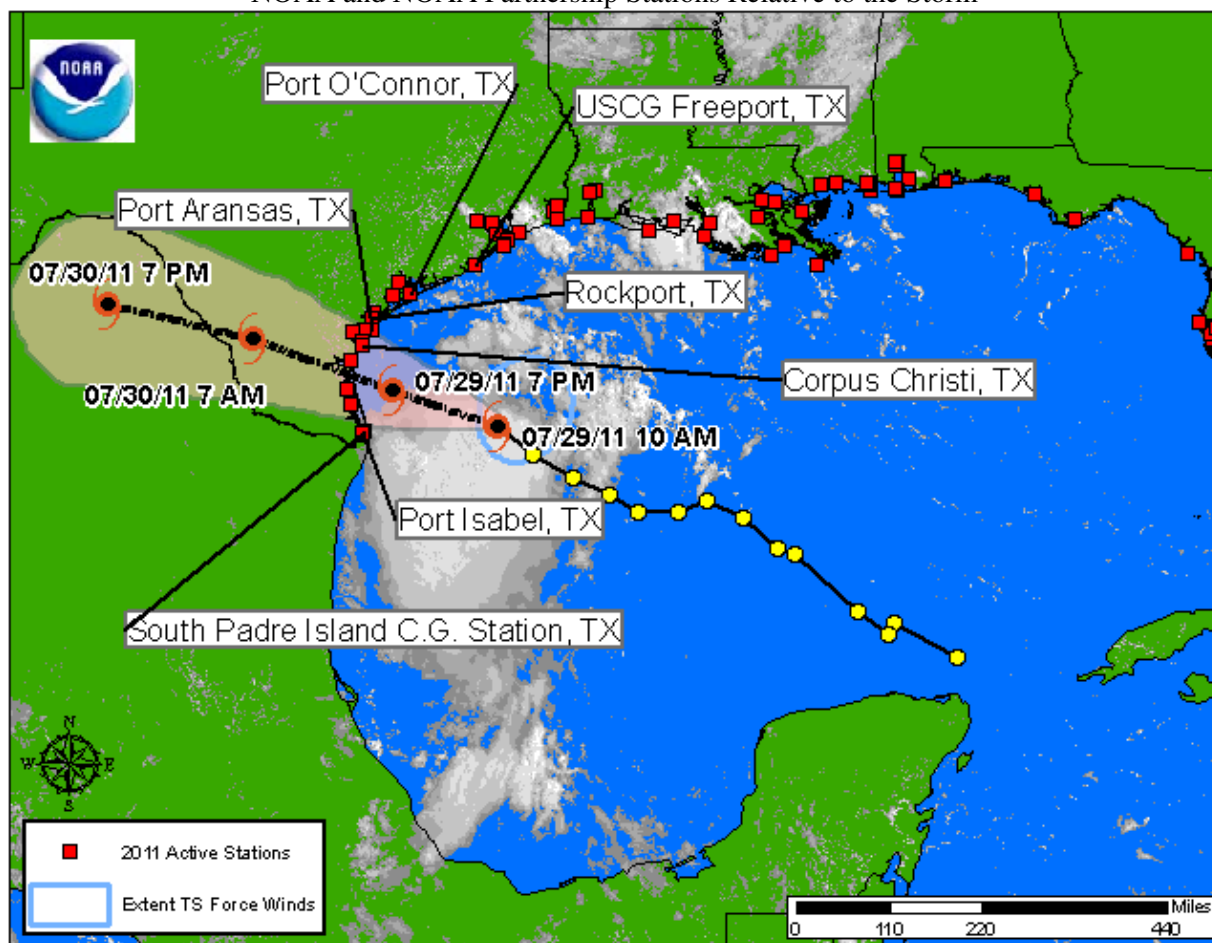




Tropical Storm DON QuickLook
Posted: 11:00 CDT 07/29/2011

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 07/29/2011 1100 CDT, water levels along the southern Texas coast are at or near predicted values. However, water levels are beginning to rise at Port O'Connor and USCG Freeport. Winds are generally weak with gusts between 5 and 15 kts. Barometric pressure is fluctuating across the region.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Port Isabel, TX Next predicted high tides are 1.32 ft (0.40 m) at 07/30/2011 07:08 CDT and 1.22 ft (0.37 m) at 07/31/2011 07:05 CDT.

South Padre Island, TX Next predicted high tides are 1.13 ft (0.34 m) at 07/30/2011 07:32 CDT and 1.02 ft (0.31 m) at 07/31/2011 07:08 CDT.

Tropical Storm DON QuickLook, POSTED 11:00 CDT 07/29/2011

Corpus Christi, TX Next predicted high tides are 1.60 ft (0.49 m) at 07/30/2011 05:42 CDT and 1.50 ft (0.46 m) at 07/31/2011 05:55 CDT.

Port Aransas, TX Next predicted high tides are 0.82 ft (0.25 m) at 07/29/2011 12:08 CDT and 0.83 ft (0.25 m) at 07/30/2011 13:24 CDT.

Rockport, TX Next predicted high tides are 0.23 ft (0.07 m) at 07/29/2011 14:16 CDT and 0.22 ft (0.07 m) at 07/30/2011 15:03 CDT.

Port O'Connor, TX Next predicted high tides are 0.62 ft (0.19 m) at 07/29/2011 11:02 CDT and 0.57 ft (0.17 m) at 07/30/2011 11:38 CDT.

USCG Freeport, TX Next predicted high tides are 1.79 ft (0.55 m) at 07/30/2011 05:26 CDT and 1.71 ft (0.52 m) at 07/31/2011 05:43 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:DW

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM DON ADVISORY NUMBER 8

1000 AM CDT FRI JUL 29 2011

...OUTER RAIN BANDS OF DON APPROACHING THE TEXAS COAST...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY...

NONE.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

* TEXAS COAST FROM THE MOUTH OF THE RIO GRANDE TO MATAGORDA

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA...IN THIS CASE WITHIN 24 HOURS.

INTERESTS IN NORTHEASTERN MEXICO SHOULD MONITOR THE PROGRESS OF DON.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS ...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE. FOR STORM INFORMATION SPECIFIC TO YOUR AREA OUTSIDE THE UNITED STATES... PLEASE MONITOR PRODUCTS

ISSUED BY YOUR NATIONAL METEOROLOGICAL SERVICE.

DISCUSSION AND 48-HOUR OUTLOOK

SUMMARY OF 1000 AM CDT...1500 UTC...INFORMATION

AT 1000 AM CDT...1500 UTC...THE CENTER OF TROPICAL STORM DON WAS LOCATED ABOUT 190 MI SE OF CORPUS CHRISTI, TEXAS AND ABOUT 165 MI EAST OF BROWNSVILLE, TEXAS. DON IS

MOVING TOWARD THE WEST-NORTHWEST NEAR 14 MPH AND THIS GENERAL MOTION IS EXPECTED TO CONTINUE FOR THE NEXT 36 TO 48 HOURS.

ON THE FORECAST TRACK...THE CENTER OF DON IS EXPECTED TO MAKE LANDFALL ON THE TEXAS COAST TONIGHT OR EARLY SATURDAY...AND THEN MOVE ACROSS SOUTHERN TEXAS ON SATURDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 50 MPH WITH HIGHER GUSTS. SLIGHT STRENGTHENING IS POSSIBLE BEFORE LANDFALL...WITH STEADY WEAKENING EXPECTED AFTER LANDFALL.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 105 MILES FROM THE CENTER.

THE MINIMUM CENTRAL PRESSURE ESTIMATED FROM AIR FORCE RESERVE HURRICANE HUNTER AIRCRAFT DATA IS 1002 MB...29.59 INCHES.

HAZARDS AFFECTING LAND

WIND...TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA BY LATE TODAY.

STORM SURGE...WATER LEVELS WILL RISE BY AS MUCH AS 1 TO 2 FEET ABOVE GROUND LEVEL...MAINLY ALONG THE IMMEDIATE COAST NEAR AND TO THE NORTHEAST OF WHERE THE CENTER MAKES LANDFALL. NEAR THE COAST...THE SURGE WILL BE ACCOMPANIED BY LARGE AND DAMAGING WAVES.

RAINFALL...DON IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS OF 3 TO 5 INCHES FROM SOUTH TEXAS INTO EXTREME NORTHEASTERN MEXICO...WITH POSSIBLE ISOLATED MAXIMUM AMOUNTS OF 7 INCHES.

TORNADOES...ISOLATED TORNADOES ARE POSSIBLE OVER PORTIONS OF SOUTH TEXAS THIS AFTERNOON AND TONIGHT.

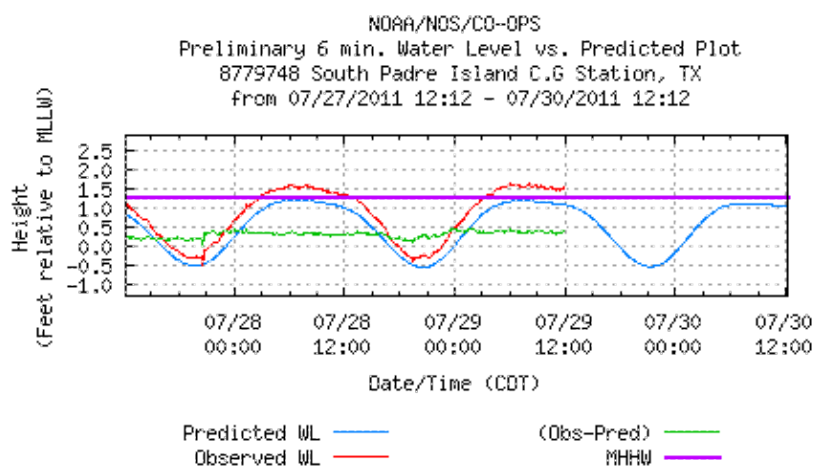
FORECASTER BEVEN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to

NOS verification.

Jump to: [South Padre Island C.G Station - Water Level](#), [Port Isabel - Water Level](#), [Port Isabel - Winds](#), [Port Isabel - Barometric](#), [Port Isabel - Air/Water Temp](#), [Corpus Christi - Water Level](#), [Corpus Christi - Winds](#), [Corpus Christi - Barometric](#), [Corpus Christi - Air/Water Temp](#), [Port Aransas - Water Level](#), [Rockport - Water Level](#), [Rockport - Winds](#), [Rockport - Barometric](#), [Rockport - Air/Water Temp](#), [Port O'Connor - Water Level](#), [USCG Freeport - Water Level](#), [USCG Freeport - Winds](#), [USCG Freeport - Barometric](#), [USCG Freeport - Air/Water Temp](#),

South Padre Island C.G Station, TX - Return to List

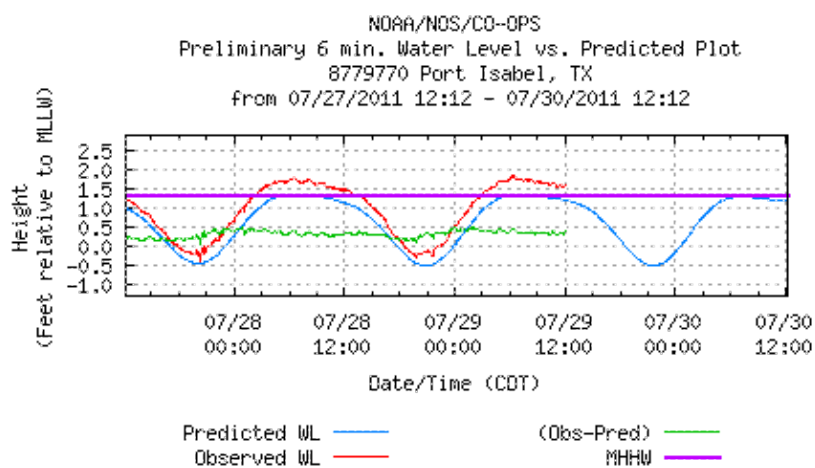


Last Observed Sample: 07/29/2011 11:54 (CDT)

Relative to MLLW: **Observed: 1.53 ft. Predicted: 1.11 ft. Residual: 0.42 ft.**

Historical Maximum Water Level: , 0 ft. above MHHW

Port Isabel, TX - Return to List

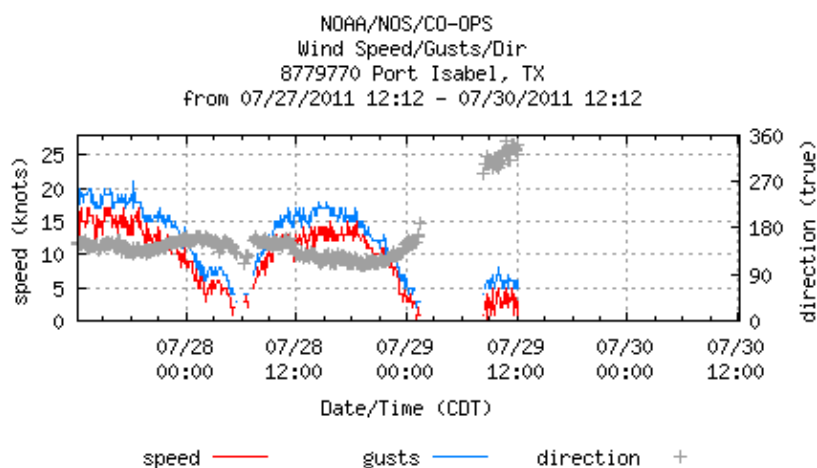


Last Observed Sample: 07/29/2011 12:06 (CDT)

Relative to MLLW: **Observed: 1.63 ft. Predicted: 1.22 ft. Residual: 0.41 ft.**

Historical Maximum Water Level: Aug 9 1980, 5.67 ft. above MHHW

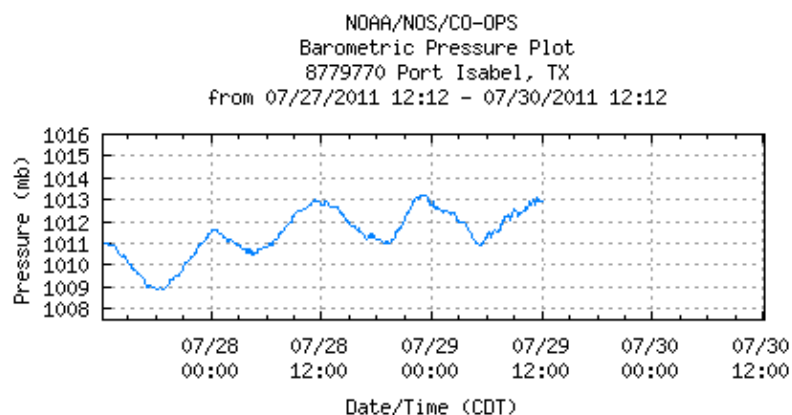
Port Isabel, TX - Return to List



Last Observed Sample: 07/29/2011 12:06 (CDT)

Wind Speed: 3 knots Gusts: 5 knots Direction: 341° T

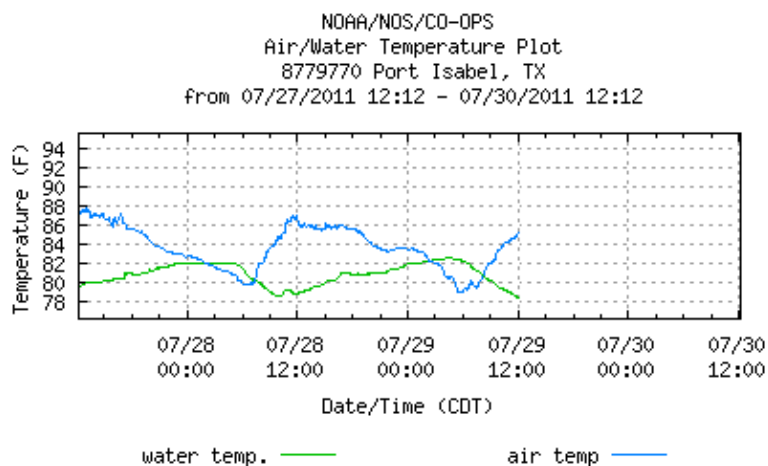
Port Isabel, TX - Return to List



Last Observed Sample: 07/29/2011 12:00 (CDT)

Barometric Pressure: 1012.9 mb

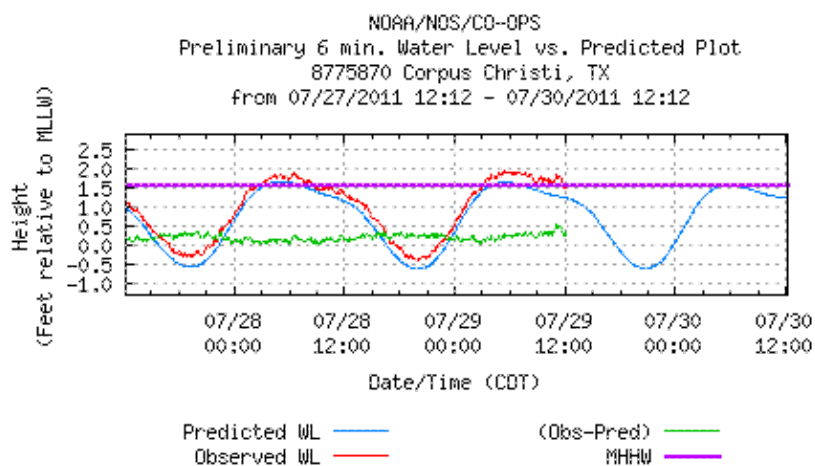
Port Isabel, TX - Return to List



Last Observed Sample: 07/29/2011 12:06 (CDT)

Water Temperature: n/a Air Temperature: 85.1° F

Corpus Christi, TX - Return to List

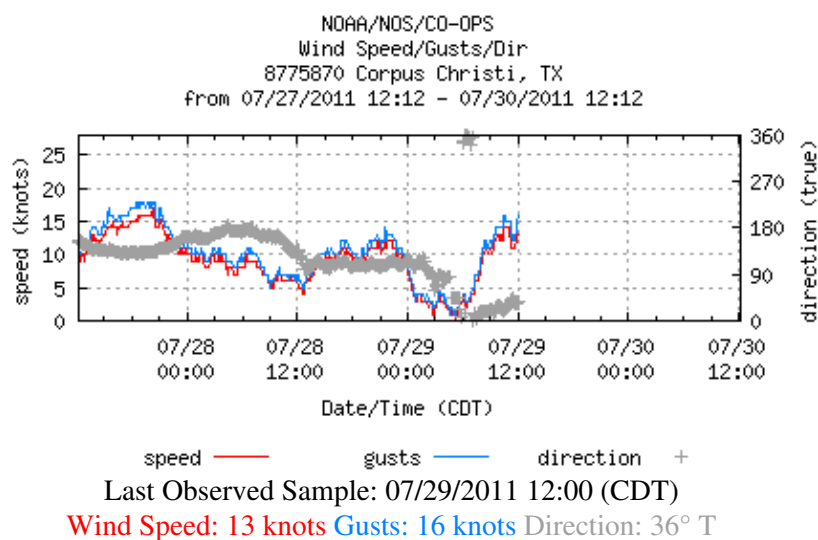


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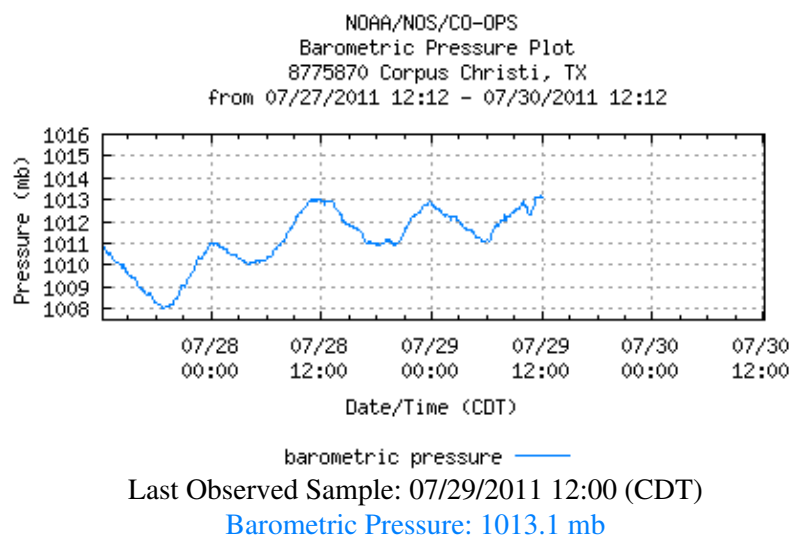
Relative to MLLW: Observed: 1.62 ft. Predicted: 1.25 ft. Residual: 0.37 ft.

Historical Maximum Water Level: Sep 10 1998, 3.33 ft. above MHHW

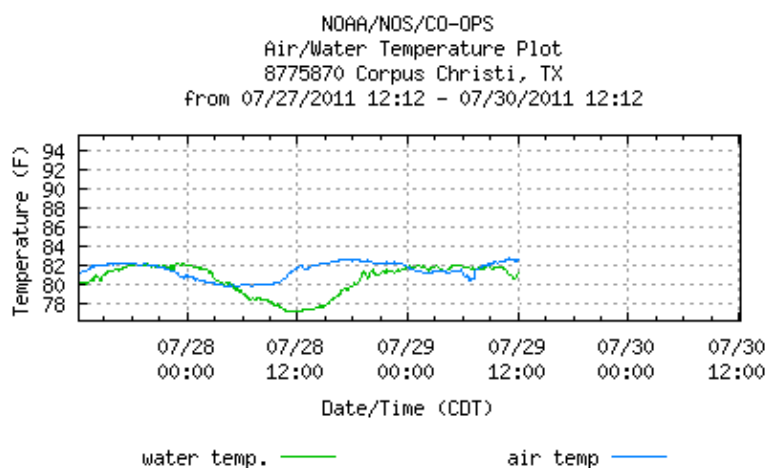
Corpus Christi, TX - Return to List



Corpus Christi, TX - Return to List

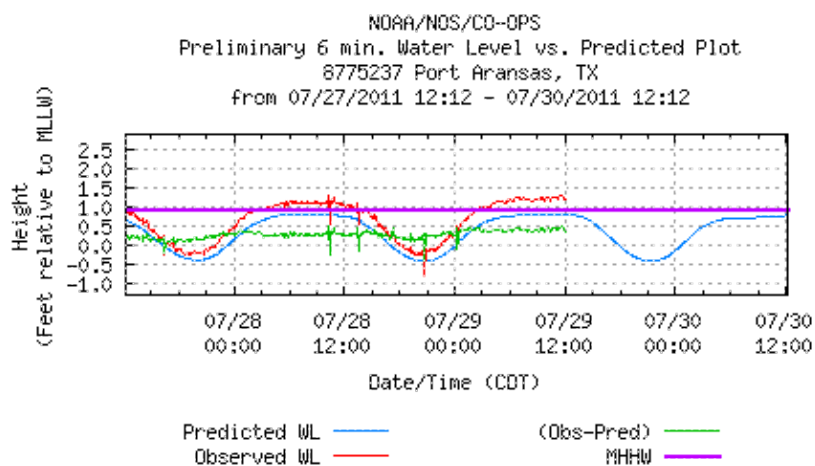


Corpus Christi, TX - Return to List



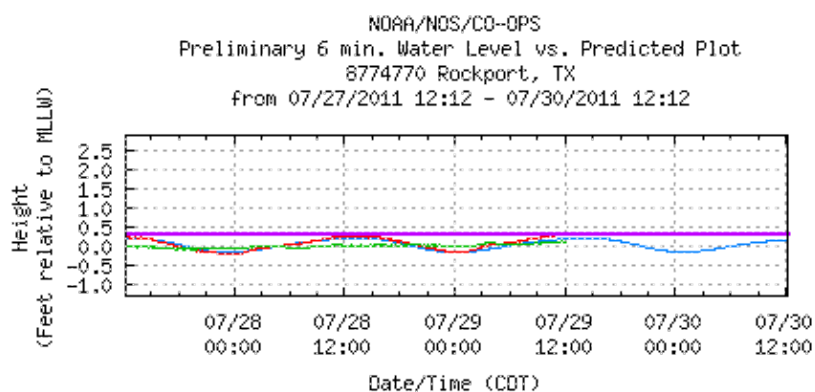
Last Observed Sample: 07/29/2011 12:00 (CDT)
Water Temperature: 81.1° F Air Temperature: 82.6° F

Port Aransas, TX - Return to List



Last Observed Sample: 07/29/2011 12:00 (CDT)
Relative to MLLW: Observed: 1.21 ft. Predicted: 0.82 ft. Residual: 0.39 ft.
Historical Maximum Water Level: , 0 ft. above MHHW

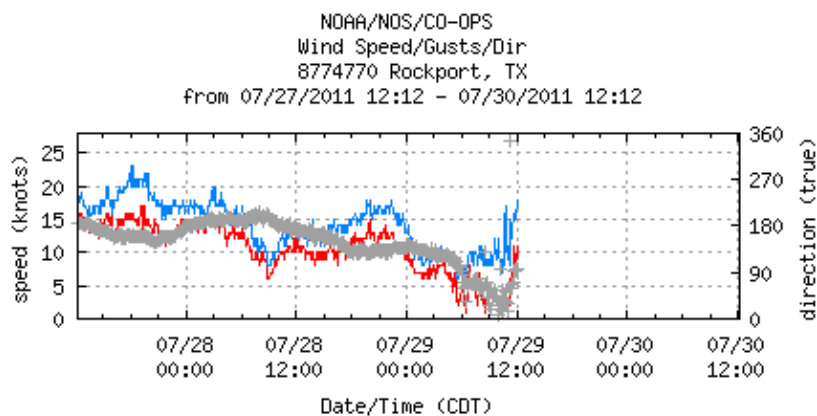
Rockport, TX - Return to List



Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 07/29/2011 12:00 (CDT)
Relative to MLLW: **Observed: 0.34 ft.** **Predicted: 0.21 ft.** **Residual: 0.13 ft.**
Historical Maximum Water Level: Aug 10 1980, 3.73 ft. above MHHW

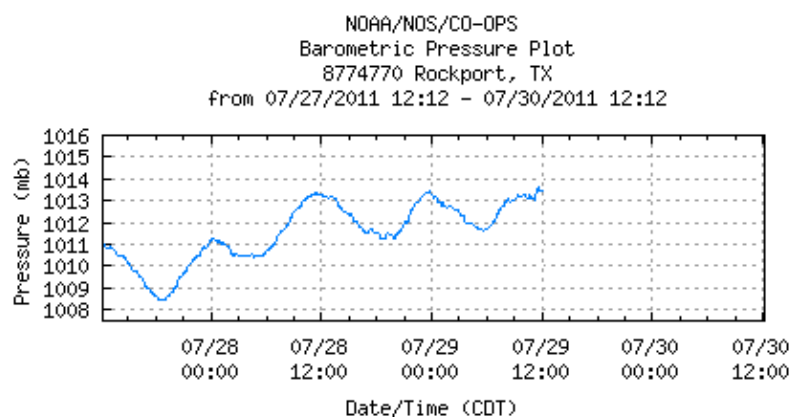
Rockport, TX - Return to List



speed — gusts — direction +

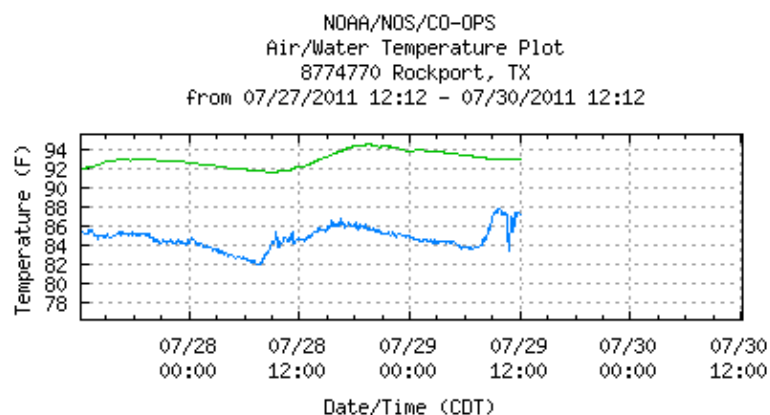
Last Observed Sample: 07/29/2011 12:00 (CDT)
Wind Speed: 11 knots **Gusts: 18 knots** **Direction: 96° T**

Rockport, TX - Return to List



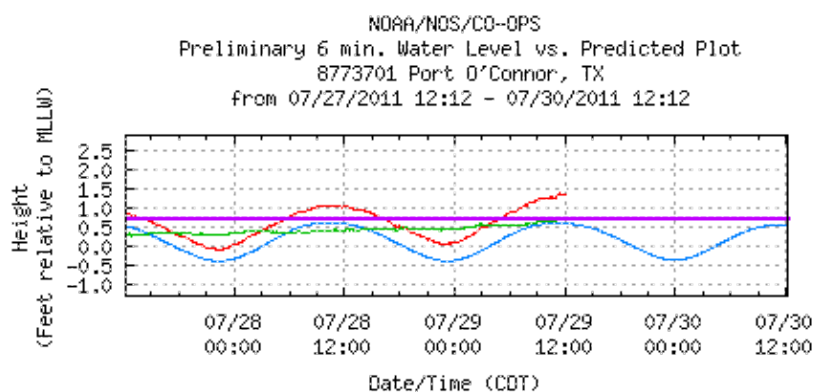
Last Observed Sample: 07/29/2011 12:00 (CDT)
Barometric Pressure: 1013.5 mb

Rockport, TX - Return to List



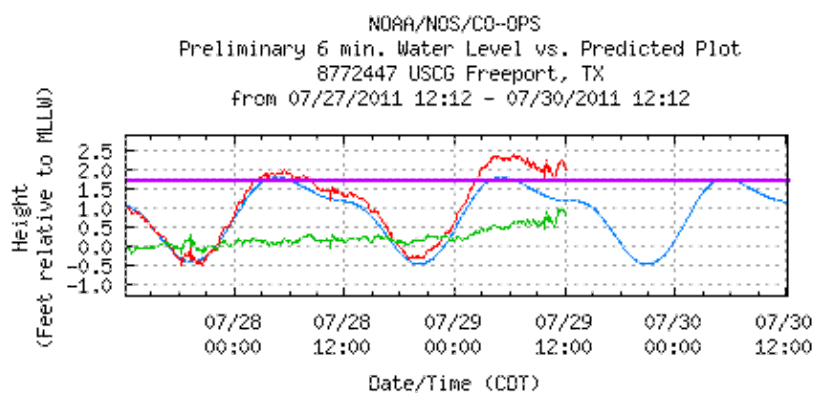
Last Observed Sample: 07/29/2011 12:00 (CDT)
Water Temperature: 93.0° F Air Temperature: 87.1° F

Port O'Connor, TX - Return to List



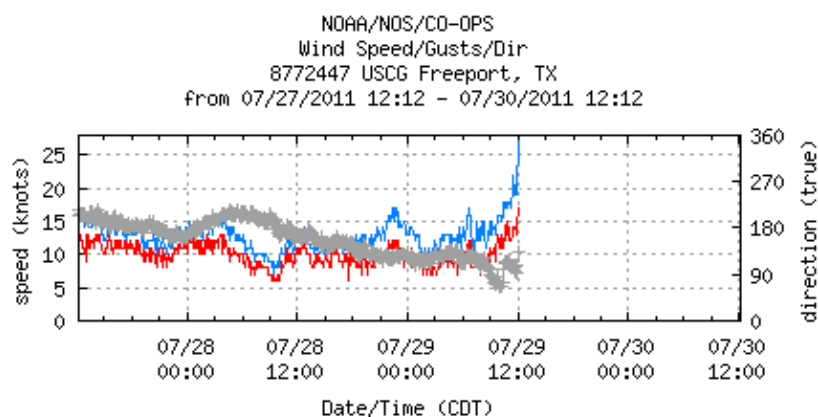
Last Observed Sample: 07/29/2011 12:00 (CDT)
Relative to MLLW: **Observed: 1.37 ft. Predicted: 0.61 ft. Residual: 0.76 ft.**
Historical Maximum Water Level: , 0 ft. above MHHW

USCG Freeport, TX - Return to List



Last Observed Sample: 07/29/2011 12:00 (CDT)
Relative to MLLW: **Observed: 2.03 ft. Predicted: 1.23 ft. Residual: 0.80 ft.**
Historical Maximum Water Level: Sep 12 2008, 5.6 ft. above MHHW

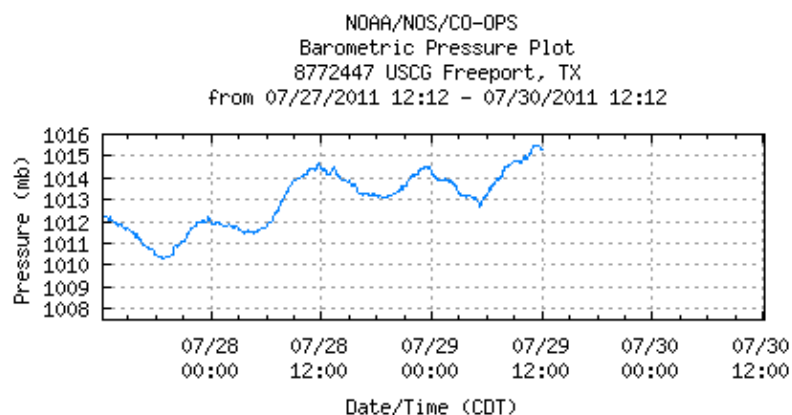
USCG Freeport, TX - Return to List



Last Observed Sample: 07/29/2011 12:00 (CDT)

Wind Speed: 17 knots Gusts: 27 knots Direction: 133° T

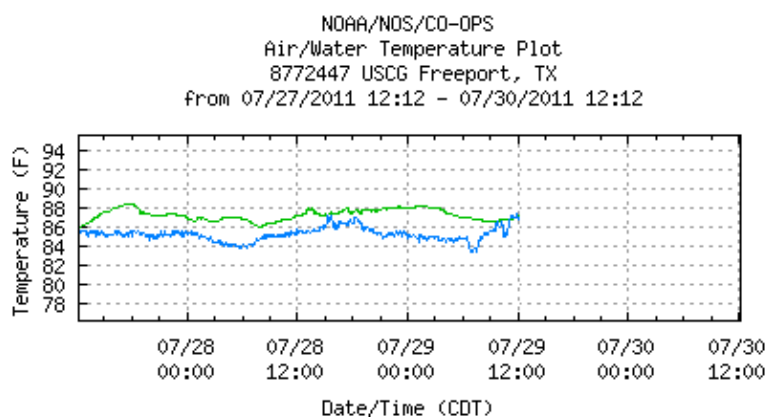
USCG Freeport, TX - Return to List



Last Observed Sample: 07/29/2011 12:00 (CDT)

Barometric Pressure: 1015.3 mb

USCG Freeport, TX - Return to List



water temp. — air temp. —

Last Observed Sample: 07/29/2011 12:00 (CDT)

Water Temperature: 87.1° F Air Temperature: 86.7° F

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce